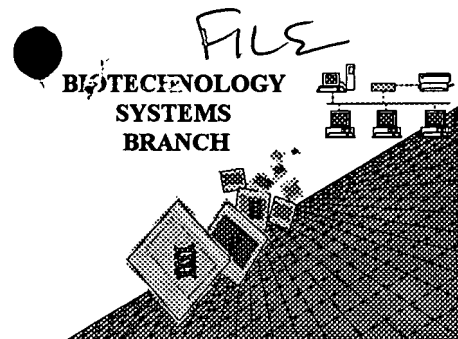


m. Allen



RAW SEQUENCE LISTING

ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 08/509,359A
Art Unit / Team No. : 1645
Date Processed by STIC: 3/26/98

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

M. Allen

1645

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/509,359A

DATE: 03/26/98
TIME: 15:30:14

INPUT SET: S24446.raw

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

1
2
3 (1) General Information:
4
5 (i) APPLICANT: ST. GEORGE-HYSLOP, PETER H
6 ROMMENS, JOHANNA M
7 FRASER, PAUL E
8
9 (ii) TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
10 TO ALZHEIMER'S DISEASE
11
12 --> OK (iii) NUMBER OF SEQUENCES: 183
13
14 (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK
16 (B) STREET: 600 South Avenue West
17 (C) CITY: Westfield
18 (D) STATE: New Jersey
19 (E) COUNTRY: U.S.A.
20 (F) ZIP: 07090
21
22 (v) COMPUTER READABLE FORM:
23 (A) MEDIUM TYPE: Floppy disk
24 (B) COMPUTER: IBM PC compatible
25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26 (D) SOFTWARE: Microsoft Word, Version 6.0c
27
28 (vi) CURRENT APPLICATION DATA:
29 (A) APPLICATION NUMBER: US 08/509,359
30 (B) FILING DATE: 31-JUL-95
31 (C) CLASSIFICATION:
32
33 (viii) ATTORNEY/AGENT INFORMATION:
34 (A) NAME: Palisi, Thomas M.
35 (B) REGISTRATION NUMBER: 36629
36
37 (ix) TELECOMMUNICATION INFORMATION:
38 (A) TELEPHONE: (908) 654-5000
39 (B) TELEFAX: (908) 654-7866
40
41

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES FOLLOW:

(2) INFORMATION FOR SEQ ID NO:135:

08/009,359A

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 1962 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

1964 shown

(next page)

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:135:

ACCANACANC GGCAGCTGAG GCGGAAACCT AGGCTGCGAG CCGGCCGCCC GGGCGCGGAG	60
AGAGAAGGAA CCAACACAAG ACAGCAGCCC TTCGAGGTCT TTAGGCAGCT TGGAGGAGAA	120
CACATGAGAG AAAGAATCCC AAGAGGTTTT GTTTTCTTTG AGAAGGTATT TCTGTCCAGC	180
TGCTCCAATG ACAGAGATAC CTGCACCTTT GTCCTACTTC CAGAATGCCC AGATGTCTGA	240
GGACAGCCAC TCCAGCAGCG CCATCCGGAG CCAGAATGAC AGCCAAGAAC GGCAGCAGCA	300
GCATGACAGG CAGAGACTTG ACAACCCTGA GCCAATATCT AATGGGCGGC CCCAGAGTAA	360
CTCAAGACAG GTGGTGGAAC AAGATGAGGA GGAAGACGAA GAGCTGACAT TGAAATATGG	420
AGCCAAGCAT GTCATCATGC TCTTTGTCCC CGTGACCCTC TGCATGGTCG TCGTCGTGGC	480
CACCATCAAA TCAGTCAGCT TCTATACCCG GAAGGACGGT CAGCTAATCT ACACCCCATT	540
CACAGAAGAC ACTGAGACTG TAGGCCAAAG AGCCCTGCAC TCGATCCTGA ATGCGGCCAT	600
CATGATCAGT GTCATTGTCA TTATGACCAT CCTCCTGGTG GTCCTGTATA AATACAGGTG	660
CTACAAGGTC ATCCACGCCT GGCTTATTAT TTCATCTCTG TTGTTGCTGT TCTTTTTTTC	720
GTTCAATTTAC TTAGGGGAAG TATTTAAGAC CTACAATGTC GCCGTGGACT ACGTTACAGT	780
AGCACTCCTA ATCTGGAATT TTGGTGTGGT CGGGATGATT GCCATCCACT GGAAAGGCCC	840
CCTTCGACTG CAGCAGGCGT ATCTCATTAT GATCAGTGCC CTCATGGCCC TGGTATTTAT	900
CAAGTACCTC CCCGAATGGA CCGCATGGCT CATCTTGGCT GTGATTTTCAG TATATGATTT	960
GGTGGCTGTT TTATGTCCCA AAGGCCCACT TCGTATGCTG GTTGAAACAG CTCAGGAAAG	1020
AAATGAGACT CTCTTTCCAG CTCTTATCTA TTCCTCAACA ATGGTGTGGT TGGTGAATAT	1080
GGCTGAAGGA GACCCAGAAG CCCAAAGGAG GGTACCCAAG AACCCCAAGT ATAACACACA	1140
AAGAGCGGAG AGAGAGACAC AGGACAGTGG TTCTGGGAAC GATGATGGTG GCTTCAGTGA	1200
GGAGTGGGAG GCCCAAAGAG ACAGTCACCT GGGGCCTCAT CGCTCCACTC CCGAGTCAAG	1260
AGCTGCTGTC CAGGAACTTT CTGGGAGCAT TCTAACGAGT GAAGACCCGG AGGAAAGAGG	1320
AGTAAACTT GGA CTGGGAG ATTTTCATTTT CTACAGTGTT CTGGTTGGTA AGGCCTCAGC	1380

08/609,359A

AACCGCCAGT	GGAGACTGGA	ACACAACCAT	AGCCTGCTTT	GTAGCCATAC	TGATCGGCCT	1440
GTGCCTTACA	TTACTCCTGC	TCGCCATTTT	CAAGAAAGCG	TTGCCAGCCC	TCCCCATCTC	1500
CATCACCTTC	GGGCTCGTGT	TCTACTTCGC	CACGGATTAC	CTTGTGCAGC	CCTTCATGGA	1560
CCAACTTGCA	TTCCATCAGT	TTTATATCTA	GCCTTTCTGC	AGTTAGAACA	TGGATGTTTC	1620
TTCTTTGATT	ATCAAAAACA	CAAAAACAGA	GAGCAAGCCC	GAGGAGGAGA	CTGGTGACTT	1680
TCCTGTGTCC	TCAGCTAACA	AAGGCAGGAC	TCCAGCTGGA	CTTCTGCAGC	TTCCTTCCGA	1740
GTCTCCCTAG	CCACCCGCAC	TACTGGACTG	TGGAAGGAAG	CGTCTACAGA	GGAACGGTTT	1800
CCAACATCCA	TCGCTGCAGC	AGACGGTGTC	CCTCAGTGAC	TTGAGAGACA	AGGACAAGGA	1860
AATGTGCTGG	GCCAAGGAGC	TGCCGTGCTC	TGCTAGCTTT	GACCGTGGGC	ATGGAGATTT	1920
ACCCGCACTG	TGAACTCTCT	AAGGTAAACA	AAGTGAGGTG	AACC		1964

↑

(2) INFORMATION FOR SEQ ID NO:152:

08/50359A

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 1726 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA (xi) SEQUENCE DESCRIPTION: SEQ ID NO:152:

↑
insert hard return

(2) INFORMATION FOR SEQ ID NO:156:

88/509,359A

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 1117 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA (xi) SEQUENCE DESCRIPTION: SEQ ID NO:156:

↑
hard return

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:183:

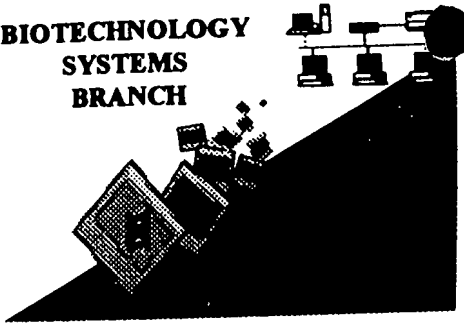
08/509359A

CACCCATTTA CAAGTTTAGC

20

F:\DOCS1\TMP\3.0\119095.DOC
109

delete at end of file



Notice of Availability of Checker Program

Applicant Aid for Biotechnology Computer Readable Form (CRF)
Sequence Listing Submissions

The Patent and Trademark Office (PTO) has developed a computer program, called Checker, that will aid applicants in identifying and correcting errors prior to making submissions for compliance with the Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (Sequence Rules: 37CFR 1.821 through 1.825). Final rules were published in the *Federal Register* (55 FR18230) on May 1, 1990, and in the PTO *Official Gazette* (1114 Off.Gaz.PatOffice 29) on May 15, 1990.

Checker is a DOS-based software program that is intended to assist users in determining whether errors may be present in the sequence listings, and is not intended to guarantee that the submission is error-free.

The most current version of the software is available via computer downloading, details are below. Copies on diskette are also available. Updated software versions will not be automatically mailed out; any updates will be announced in the PTO *Official Gazette*.

The software can be accessed/requested from the following locations:

- 1) Dial-up access through the Internet. Location is <ftp://ftp.uspto.gov>
The software is in current directory: `pub/checker/`
Download all the files. Cost: Free-of-charge
- 3) For diskette copies, mail to: U.S.P.T.O., OEIP, CRYSTAL PARK 3, SUITE 441
WASHINGTON DC 20231

COST FOR DISKETTE IS \$ 25.00

METHOD OF PAYMENT:

Check payable to Commissioner of Patents and Trademarks
VISA/ Mastercard/ Charge- Charges can be faxed to 703-306-2737
PTO Deposit Account

For Further Information, Contact: Arti Shah at 703-308-4212

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 CFR 1.821-1.825. Applicant's attention is directed to these regulations, published at 114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ 7. Other: _____

Applicant must provide:

- ☒ An ~~initial~~ or substitute computer readable form (CRF) copy of the "Sequence Listing"
- ☒ An ~~initial~~ or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d)

For questions regarding compliance with these requirements, please contact

For Rules Interpretation, call (703) 308-1123
For CRF submission help, call (703) 308-4212
For PatentIn software help, call (703) 557-0400

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